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State Water	State Water Board General Priorities:
Resources Control	1. Projects that include the development of a Hydrologic Model that will predict unimpaired flows in streams
Board (Agency ID: SWRCB)	throughout California. The initial focus should be on the Russian River and its tributaries. The model should
SWRCD)	be capable of adding impairments (water diversions and use, instream flow requirements etc. for the
	determination if there is water available for appropriation.
	2. Projects that include the development of a geographic information system (GIS) that identifies the location of
	dams and reservoirs on topographic maps. The layers should include all known water diversions, locations of
	sensitive fish and wildlife habitat. A layer should provide the location of sensitive fish and wildlife habitat. A
	layer should provide the location of stream reaches that have water right permit of license minimum instream
	flow requirements. Layers should also identify the location of fully appropriated streams, and designated
	wild and scenic rivers.
	3. Projects to develop and test rapid indicators that detect bacterial contamination in a rapid and cost efficient
	manner. Projects must be designed to help meet the need for a fast, reliable, accurate and inexpensive way to
	test beach water quality.
	4. Projects to conduct epidemiology studies to better understand and develop methods to monitor the risk of
	swimming at non-point source contaminated beaches. The need for, and prioritization of, mitigation actions
	at beach with high bacterial counts is dependent on a better understanding of the relationship between these
	indicators and health risk. Epidemiology studies should include efforts to associate the incidence of health
	effects with rapid indicators and new indicators.
	5. Projects to develop new quantifiable, accurate and relatively inexpensive indicators: preferably those
	indicators that are actually human pathogens. The new indicators need to be tied to epidemiology study
	results to ensure that they are indeed quantifying health risk and must useable by most environmental
	microbiology labs.
	6. Projects to develop Source and test Tracking tools, which are a requirement under Assembly Bill 538
	(Statutes 1999, Chapter 488), to help environmental health managers identify sources of fecal contamination.
	7. Projects to evaluate the effectiveness of best management practices (BMPs) such as circulation
	7. Trojecto de cratació de entreness of oest management praedects (2001 s) such as enculation

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	enhancements, treatment wetlands, some end of pipe treatment package plants, antibacterial filter materials, and treatment wetlands. A focused investigation of BMP effectiveness of projects to improve circulation needs to be done in order to determine the best approach to improve enclosed beach water quality and protect human health. 8. Projects to improve understanding of and the ability to monitor bacterial Transport Mechanisms, including Bacterial magnification and regrowth. State Water Board Ocean Protection Project Priorities: These priorities, along with the priorities identified by the Ocean Protection Council, must be met in order to apply for the \$10 million of the Coastal Nonpoint Source Pollution Control Program funds devoted to ocean protection projects. 9. A project to complete the development, validation, assistance in certification, and implementation of Rapid Indicators of beach pathogen contamination. (Rapid Indicators is a statewide priority.) 10. Projects to implement control strategies, and to eliminate nonpoint source (NPS) discharges to areas of special biological significance (ASBS) and their adjacent Critical Coastal Areas (CCAs).

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Regional Water	REGIONAL WATER BOARD 9
Quality Control	
Board 1 (Agency	Regional Priorities
ID: RWQCB 9	No. Priority
	1. Projects or programs that will protect and restore water quality and beneficial uses by reducing bacteria levels in water bodies in the region through source identification and control at the source.
	2. Projects and programs that protect and restore beneficial uses by preventing the introduction and spread of exotic invasive species, controlling and eradicating such species, and re-establishing native species.
	3. Projects or programs that will protect and restore water quality and beneficial uses by implementing management measures or management practices to improve cultivation and irrigation practices to reduce the use of water, fertilizers, and pesticides and to control runoff, erosion, and pollution.
	4. Projects and programs that protect and restore beneficial uses by implementing watershed-based plans for protection and restoration of watersheds, wetlands, and waterways.
	5. Projects or programs that implement an ambient water quality monitoring and assessment program to quantitatively assess the chemical, biological, and physical integrity of waters in the San Diego Region on a multi-watershed or regional scale.
	Targeted Priorities
	No. Priority
	6. A monitoring and assessment project that will perform a region-wide periphyton assessment and develop a regional Periphyton Index of Biotic Integrity.
	7. Planning or implementation projects to control flooding, mitigate channel incision, and restore riparian habitat and floodplains in Laguna Canyon creek in San Juan Hydrologic Sub Area 901.11.
	8. Project to control erosion, mitigate channel incision and flooding, and restore riparian habitats in Aliso Creek in the San Juan Hydrologic Sub Area 901.13.

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	9. Projects or programs to reduce trash in the San Juan Hydrologic Unit through source control.
	10. Projects or programs to measurably reduce nutrient concentrations in the Santa Margarita River watershed through source control.
	11. Projects or programs to control erosion and sediment transport from the upper Santa Margarita River watersheds to reduce siltation along the Santa Margarita River system.
	12. Projects or programs to measurably reduce TDS in the San Luis Rey River watershed through source control.
	13. Projects to protect, enhance, or restore riparian corridors and wetlands in the Carlsbad Hydrologic Unit and improve flood control through "day-lighting" of underground culverts, removal of impervious concrete or riprap channel lining, and implementation of management measures to improve water quality while maintaining and/or improving the existing level of flood protection.
	14. Projects or programs to measurably reduce pesticides in the Carlsbad Hydrologic Unit surface waters through source control.
	15. Projects or programs to measurably reduce sedimentation/siltation in Agua Hedionda Lagoon through source control or structural management measures.
	16. Projects or programs to implement structural treatment management measures and effective source control measures to protect and enhance to protect the lagoons, sloughs, and coastal waters of the Carlsbad Hydrologic Unit.
	17. Projects or plans to implement management measures or practices to restore or enhance waterways or wetlands to control flooding, improve assimilative capacity to reduce nutrient concentrations, and/or reduce sedimentation or erosion through source control or structural management measures in the San Dieguito watershed.
	18. Projects or programs to implement erosion control measures for areas tributary to Los Penasquitos lagoon.
	19. Projects or programs to restore waterways and improve flood control in the Los Penasquitos Hydrologic Unit through "day-lighting" of underground culverts, removal of impervious concrete or riprap channel

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		lining, and implementation of management measures to improve water quality while maintaining and/or
		improving the existing level of flood protection.
	20.	Acquisition of land to protect riparian corridors, wetlands, or municipal drinking water supply
		reservoirs in the San Diego River watershed.
	21.	Projects or programs to measurably reduce nutrients in the San Diego River watershed through source control.
	22.	Projects or programs to measurably reduce TDS levels in the San Diego River watershed through source control.
	23.	Projects or programs to implement the Chollas Creek TMDL to measurably reduce ambient metals (copper, lead, and zinc) concentrations in Chollas Creek and the San Diego Bay watershed through source control.
		Projects or programs to implement the Chollas Creek TMDL to measurably reduce diazinon and chlorpyrifos concentrations in Chollas Creek and the San Diego Bay watershed through source control.
	25.	Projects or programs to measurably reduce trash in the San Diego Bay watersheds through source control.
		Projects or programs to restore waterways and improve flood control in the San Diego River watershed through "day-lighting" of underground culverts, removal of impervious concrete or riprap channel lining, and implementation of management measures to improve water quality while maintaining and/or improving the existing level of flood protection.
		Projects or studies to enhance or restore the hydrologic and water quality functions and values of the Otay River and its floodplain between Lower Otay Reservoir and San Diego Bay through the removal of levees and other floodplain/river restrictions.
	28.	Acquisition of land to protect riparian corridors, wetlands, or municipal drinking waters supply reservoirs in the upper Otay River watershed.
	29.	Projects or programs in San Diego Bay to demonstrate the efficacy and longevity of available non-toxic and less-toxic boat hull coating products for coastal waters.

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	30. Projects or programs to implement management practices or management measures to protect water
	quality and beneficial uses in the Tijuana River National Estuary Research Reserve Critical Coastal
	Area through planning, source identification, or control.

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Department of Health Services (Agency ID: DHS)	1. Priorities are identified in Appendix A of the Department of Health Services (DHS) Proposition 50 Water Security, clean Drinking Water, Coastal and Beach Protection Act of 2002 (Section79500 et seq.) which is available at the following website: http://www.dhs.ca.gov/ps/ddwem/Prop50/pdfs/CriteriaforChapters3and4-FINAL.pdf . Projects that fit categories A-G are identified as priorities.
Resources Agency (Agency ID: Resources Agency)	1. Projects that will develop, identify, and use appropriate new indicators or identify and use existing indicators for assessments and monitoring of watershed health.
Department of Fish and Game (Agency ID: DFG)	Implement Priority 5 actions identified in the Steelhead Trout Management Tasks Search Website (http://www.dfg.ca.gov/nafwb/steelhead_tasks.asp?show_instructions=1&huname=+3304.&haname=&hsaname =&calwnum=+3304.&high_priority=1&submit=Submit) in the following HUs: 1. Carlsbad 2. Otay 3. Penasquitos 4. Pueblo San Diego 5. San Diego 6. San Diego 6. San Diego Bay 7. San Dieguito 8. San Juan 9. San Luis Rey 10. Santa Margarita 11. South Bay 12. South Coast 13. Sweetwater 14. Tijuana
Department of Parks and Recreation (Agency	The Department of Parks and Recreation (DPR) Watersheds listed below are representative of each ecoregion's special physical and biological characteristics. DPR's priorities include watershed assessment, management, planning, implementation, and improvement in watersheds that exhibit high quality characteristics where DPR has

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ID: DPR)	ownership and management responsibility. There are many additional DPR watersheds that exhibit high quality characteristics and are also worthy of support.
	Please note: All applicants proposing to do projects on State Park System lands must partner with DPR and provide State Water Resources Control Board with a letter (or official communication) from DPR acknowledging the partnership and endorsing the proposed project. Contact Syd Brown, Natural Resources Division, California Department of Parks and Recreation at sbrow@parks.ca.gov or 916-653-9930 for specifics.
	DPR Representative Watersheds 1. (Upper) Sweetwater River watershed, Cuyamaca Rancho State Park (SP), San Diego County
State Coastal	1. Projects which enhance summertime stream flows in coastal watersheds.
Conservancy (Agency ID: SCC)	2. Project which implement Watershed Enhancement Plans developed jointly by watershed groups and the State Coastal Conservancy (SCC).
	3. Completion of fish passage barrier removal projects that benefit listed salmon and steelhead stocks.
	4. Acquisition of conservation easements that result in the permanent dedication of in-stream flows for salmonid habitat protection.
	5. Surface agricultural return flows are returns from water applied to irrigated land, including, but is not limited to, land planted to row, field and tree crops as well as commercial nurseries, nursery stock production, managed wetlands.
	6. Installation, operation, and assessment of the efficacy of infrastructure and/or use and assessment of the efficacy of management practices that results in the measurable reduction of stormwater runoff of sediment and
	pesticides in watershed tributaries. 7. Projects which support conscitute establish and implement levelly directed watershed management programs:
	7. Projects which support capacity to establish and implement locally directed watershed management programs: i.e. programs which include watershed assessments, development of watershed management plans, establish watershed data management capacity, implementation of watershed management plans, community watershed

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	education, and watershed monitoring within the watershed.
	8. Projects in a watershed, including the San Francisco Bay, which increase the amount of wetlands that are
	designed and managed to maximize beneficial uses while minimizing detrimental effects.
	9. Projects in a Coastal Watershed that assess the effects of contaminants on aquatic species and develops and
	implements management projects, including demonstration projects.
	10. Projects that assess and address groundwater impacts due to nitrates from confined animal or onsite disposal
	systems within a watershed.
	11. Projects that create, sustain, and/or increase local capacity to plan and implement the targeted projects including
	projects that provide technical and financial capacity, such as re-granting programs, to newer or smaller
	stakeholders so that they will eventually be able to plan and implement targeted projects
	12. Support similar recovery of at-risk native species in San Francisco Bay and the watershed above the estuary; and minimize the need for future endangered species listings by reversing downward population trends of native
	species that are not listed.
	13. Support projects that rehabilitate natural processes in the Bay and urban watersheds.
	14. Continue and expand the watershed coordinator grant program statewide with the goal of creating an
	environment that encourages watershed Coordinators to collaborate, cooperate and work with diverse
	stakeholders to build local capacity to implement watershed improvement projects.
	15. Projects that implement priorities from existing sediment TMDLs.
	16. Monitoring to evaluate the effectiveness of mitigation measures that are designed to reduce sediment loads or
	evaluate the impact of management practices on stream temperature.
	17. Inventory and evaluate the adequacy of riparian buffer zones to provide shade for stream channels.
	18. Implement management practices that promote the development and restoration of riparian vegetation that
	provides stream shade in existing temperature TMDLs.
	19. Projects that restore and protect wetlands, riparian and other sensitive aquatic habitats.
	20. Improve stakeholder outreach and education (including Grades K-12), and public participation in water quality
	decisions.

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	21. Projects that develop or improve water management plans, to address water quality/quantity and related issues within a watershed, across-watershed, or regional basis.
	22. Projects that integrate surface and groundwater quality improvement activities while promoting collaborative and cooperative efforts within a watershed, cross-watershed or regional context.
	23. Improve coordination of land use planning and water management through applying watershed management strategies.
	24. Improve water supply reliability through conjunctive use programs and integration of flood management with water supply management.
	25. Improved ecological function of floodplains and stream corridors.
	26. Projects that include operations and maintenance for multiple years for stream gauge stations.
	27. Southern California arundo control; San Diego River

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Ocean Protection Council (Agency ID: OPC)	These Guidelines adopt the State Water Board priorities for ocean protection projects. It is anticipated that the Ocean Protection Council (OPC) will adopt their ocean protection project priorities for the 2005-06 Consolidated Grants Program at their January 13, 2006 meeting. Once adopted by the OPC, their priorities will be posted on the State Water Board's website at: http://www.waterboards.ca.gov/funding/consolidgrants0506.html
Department of Water Resources (Agency ID: DWR)	 Improved coordination of land use planning and water management through applying watershed management strategies within Integrated Regional Water Management planning and implementation efforts. Improve water supply reliability through conjunctive use programs and integration of flood management with water supply management. Improved ecological function of floodplains and stream corridors. Assist newly formed (within last 5 years) Resource Conservation Districts (RCDs) with capacity building for restoration, stewardship, and water management, e.g. NRCD Watershed Specific Priorities Projects that include operations and maintenance for multiple years for the following stream gauging stations: a. 11022480 San Diego River at Mast Road near Santee b. 11023340 Los Penasquitos Creek near Poway Support or establish regional technical assistance and stewardship group coordination in the Sacramento Valley, San Joaquin Valley, Tulare basin, and Southern California from Santa Monica Bay to the Mexican border. Improve stream habitat, water quality and reduce flood damage threats in the Tijuana R and estuary.
California Bay Delta Authority (Agency ID: CALFED)	Not Appliable
Department	1. Development of Decision Support Systems(DSS) utilizing the GIS database under development by the Coastal

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Boating and Waterways (Agency ID: DBW)	Sediment Management Workgroup (comprised of the Resources Agency, SCC, CA Coastal Commission, Department of Fish and Game, U.S. Army Corps of Engineers and NOAA) to develop a suite of tools to assist coastal managers, engineers and regulators in making sound regional-based decisions regarding beneficial reuse of sediment in an environmental responsible manner through the development and implementing a the CA Sediment Master Plan (SMP).
	2. Project to designate and permit two new nearshore /onshore sites to beneficially reuse acceptable dredge material to renourish sediment impaired (coastal erosion hotspots with a lack of natural sediment) areas. Ventura and Santa Barbara Counties are the two likely targets areas for this project.
	3. Detailed monitoring to characterize the affects and impacts of turbidity in nearshore waters derived from a beach restoration project to provide the scientific basis to develop clear and effective water quality and TMDL permit guidelines for future projects. The project location is subject to the availability of a viable and study-worthy restoration project in southern California.
Department of Conservation (Agency ID: DOC)	 Continue and expand the watershed coordinator grant program statewide with the goal of creating an environment that encourages Watershed Coordinators to collaborate, cooperate and work with diverse stakeholders to build local capacity to implement watershed improvement projects. Assessment of Abandoned Mines in order to map, analyze and remediate abandoned mines with chemical hazards including:
	a. Water sampling/ monitoring upstream and downstream of abandoned mines. b. Biological sampling for toxicity c. Rock and soil sampling and analysis d. Research historical records e. Plant community studies on and around abandoned mine lands. f. Ground/aerial mapping abandoned mines using GPS. g. Geologic mapping of abandoned mines h. Statistical data analysis 3. Remediation of acid rock drainage or other chemical hazards discharging into impacted waterways (303d)

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	listed) from abandoned mines.

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California Coastal Commission (Agency ID: CCC)	The Critical Coastal Areas (CCA) Program is designed to identify coastal areas where water quality is threatened or impacted by new or expanding development and to accelerate the implementation of California's Nonpoint Source (NPS) Program Plan so that water quality is protected or restored. Of the 101 coastal areas identified by the CCA program the areas listed below are the highest priority based on existing water quality conditions, value and sensitivity of coastal resources, new or expanding threats to beneficial uses, and degree of local support for watershed-based planning efforts. Priority work in each of these watersheds is to complete watershed-based plans that assess sources of water quality
	impairment, threats to water quality from new and expanding development, status of NPS management measure implementation (see the California NPS Plan) and estimations of impervious surface area, drainage density and waste loading under current and planned conditions. Plans should identify appropriate actions to protect or restore coastal waters including but not limited to implementation of source control, site design and treatment control BMPs, application of all appropriate NPS management measures and development of land use regulations that protect coastal water quality.
	1. Irvine Coast Marine Life Refuge
	2. Heisler Park Ecological Reserve
	3. San Juan Creek
	4. San Elijo Lagoon
	5. Los Penasquitos Lagoon
	6. San Diego-La Jolla Ecological Reserve
	7. San Diego Marine Life Refuge
	8. Tijuana River Estuary (NERR)
California	Please note: Applicants proposing to do projects in State Forest land must partner with CDF and provide State Water

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	 b. Projects that coordinate the implementation of the Forest Practices Act and the Coho Recovery Strategy. 6. Land Conversion - Prepare and implement Community Development Plans that promote the preservation of economically sustainable forest and range lands and discourage land conversion to residential or commercial development. 7. Timber Management- Projects that coordinate timber management permitting between CDF and other agencies to promote high-quality forest management and provide regulatory relief and incentives for non-industrial forest landowners.